

## Development of Large Area Silicon Drift Detectors at FBK for Astrophysical Applications

*Tuesday 26 February 2019 12:10 (20 minutes)*

We report on the activity carried out at FBK in partnership with INFN and INAF, supported by ASI, aimed at the development of large area (about 95cm<sup>2</sup>) Silicon Drift Detectors for astrophysical applications. The presentation is focused on a brief description of the state of the art of the general technological aspects related to the production of these devices for LOFT (Large Observatory for X-ray Timing) mission of the European Space Agency (ESA) and the eXTP mission (enhanced X-ray Timing and Polarimetry) of the Chinese Academy of Science.

**Primary author:** Dr PICCIOTTO, Antonino (Fondazione Bruno Kessler -Micro Nano Facility )

**Presenter:** Dr PICCIOTTO, Antonino (Fondazione Bruno Kessler -Micro Nano Facility )

**Session Classification:** Session 5: Planar Sensors (2)